January 5, 2001

Date

Approved for use through 10/31/2002. OMB 0651-0032
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## **FEE TRANSMITTAL** for FY 2001

Under the Paperwork Reduction Act of 1995, no persons are required to re

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

Signature

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Complete if Known					
Application Number					
Filing Date	January 5, 2001				
First Named Inventor	Allan S. Hoffman				
Examiner Name					
Group Art Unit					
Attorney Docket No.	UWS 105				

METHOD OF PAYMENT (check one)	FEE CALCULATION (continued)					
The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:	3. ADDITIONAL FEES Large Entity Small Entity					
Deposit Account 01-2507	1 - ° - ' - ' - ' - '	Paid				
Number	105 130 205 65 Surcharge - late filing fee or oath					
Arnall Golden & Gregory, LLC Name  Arnall Golden & Gregory, LLC	127 50 227 25 Surcharge - late provisional filing fee or cover sheet					
Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17	139 130 139 130 Non-English specification					
	147 2,520 147 2,520 For filing a request for ex parte reexamination					
See 37 CFR 1.27	112 920* 112 920* Requesting publication of SIR prior to Examiner action					
2. X Payment Enclosed: X Check Credit card Money Order Other	113 1,840* 113 1,840* Requesting publication of SIR after Examiner action					
FEE CALCULATION	115 110 215 55 Extension for reply within first month					
	116 390 216 195 Extension for reply within second month					
1. BASIC FILING FEE	117 890 217 445 Extension for reply within third month					
Large Entity Small Entity Fee Fee Fee Fee Description	118 1.390 218 695 Extension for reply within fourth month					
Code (\$) Code (\$) Fee Paid	128 1,890 228 945 Extension for reply within fifth month					
101 710 201 355 Utility filing fee 355.00	119 310 219 155 Notice of Appeal					
106 320 206 160 Design filing fee	120 310 220 155 Filing a brief in support of an appeal					
107 490 207 245 Plant filing fee	121 270 221 135 Request for oral hearing					
108 710 208 355 Reissue filing fee	138 1,510 138 1,510 Petition to institute a public use proceeding					
114 150 214 75 Provisional filing fee	140 110 240 55 Petition to revive - unavoidable					
SUBTOTAL (1) (\$)	141 1,240 241 620 Petition to revive - unintentional					
2. EXTRA CLAIM FEES	142 1,240 242 620 Utility issue fee (or reissue)					
Fee from	143 440 243 220 Design issue fee					
Extra Claims below Fee Paid  Total Claims $50$ -20 = $30$ × $9.00$ = $270.00$	144 600 244 300 Plant issue fee					
Independent 3 3 = 0 x 0 = 0	122 130 122 130 Petitions to the Commissioner					
Claims Multiple Dependent  135.0 = 135.00	123 50 123 50 Petitions related to provisional applications					
	126 240 126 240 Submission of Information Disclosure Stmt					
Large Entity Small Entity Fee Fee Fee Fee Fee Description Code (\$) Code (\$)	581 40 581 40 Recording each patent assignment per property (times number of properties)					
103 18 203 9 Claims in excess of 20	146 710 246 355 Filing a submission after final rejection					
102 80 202 40 Independent claims in excess of 3	(37 ČFR § 1.129(a)) 149 710 249 355 For each additional invention to be					
104 270 204 135 Multiple dependent claim, if not paid	149 710 249 355 For each additional invention to be examined (37 CFR § 1.129(b))					
- 109 80 209 40 ** Reissue independent claims over original patent	179 710 279 355 Request for Continued Examination (RCE)					
110 18 210 9 ** Reissue claims in excess of 20 and over original patent	169 900 169 900 Request for expedited examination of a design application					
and over original patent	Other fee (specify)					
SUBTOTAL (2) (\$) 405.00 • Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)						
SUBMITTED BY Complete (if applicable)						
Pagistration No.						
Name (Print/Type) Robert A. Hødges	(Attorney/Agent) 41,074 (Option 404-673-6796)					

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# UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No. UWS 105

First Inventor Allan S. Hoffman

ENHANCED TRANSPORT USING MEMBRANE
Title DISRUPTIVE AGENTS

	Title   DISRUPTIVE AGENTS								
(Only for new nonprovisional applications under 37 CFR 1.53(b))	Express Mail Label No. EL571228850US								
APPLICATION ELEMENTS  See MPEP chapter 600 concerning utility patent application contents.	ASSISTANT Commissioner for Patents Box Patent Application Washington, DC 20231								
Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)	7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)								
2. Applicant claims small entity status. See 37 CFR 1.27.	8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)								
3. Specification [Total Pages 44] ] (preferred arrangement set forth below)	a. Computer Readable Form (CRF)								
Descriptive title of the invention     Cross Reference to Related Applications	b. Specification Sequence Listing on:								
- Statement Regarding Fed sponsored R & D	i. CD-ROM or CD-R (2 copies); or								
Reference to sequence listing, a table,     or a computer program listing appendix	ii.□ paper								
Background of the Invention     Brief Summary of the Invention	c Statements verifying identity of above copies								
<ul> <li>Brief Description of the Drawings (if filed)</li> </ul>	ACCOMPANYING APPLICATION PARTS								
- Detailed Description - Claim(s)	9. Assignment Papers (cover sheet & document(s))								
- Abstract of the Disclosure	10. 37 CFR 3.73(b) Statement Power of Attorney								
4. X Drawing(s) (35 U.S.C. 113) [ Total Sheets 8 ]	11. English Translation Document (if applicable)								
5. Oath or Declaration [Total Pages]	12. Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations								
a. Unexecuted	13. Preliminary Amendment								
b. Copy from a prior application (37 CFR 1.63 (d)) b. (for continuation/divisional with Box 17 completed)	Return Receipt Postcard (MPEP 503) (Should be specifically itemized)								
i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s)	15. Certified Copy of Priority Document(s) (if foreign priority is claimed)								
named in the prior application, see 37 CFR	16. Other:								
1.63(d)(2) and 1.33(b).  6. X Application Data Sheet. See 37 CFR 1.76									
17. If a CONTINUING APPLICATION, check appropriate box, and sup	oly the requisite information below and in a preliminary amendment,								
or in an Application Data Sheet under 37 CFR 1.76:									
Continuation Divisional Continuation-in-part (CIP)	of prior application No.:/								
Prior application information: Examiner	Group / Art Unit:								
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.									
18. CORRESPONDENCE ADDRESS									
Customer Number or Bar Code Label or Correspondence address below									
Patrea L. Pabst  Name Arnall Golden & Gregory, LLP	Patrea L. Pabst								
2800 One Atlantic Center									
Address 1201 West Peachtree Street									
City Atlanta	State         GA         Zip Code         30309-3450								
	ephone (404) 873-8794 Fax (404)873-8795								
Name (Print/Type) Robert A. Hodges Registration No. (Attorney/Agent) 41,074									
Signature // \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Date January 5, 2001								

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

10/20/10



#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Applicants:

Allan S. Hoffman, Patrick S. Stayton and Niren Murthy

Serial No.:

Express Mail Label No.:

EL571228850US

Filed:

January 5, 2001

Date of Deposit

January 5, 2001

For:

ENHANCED TRANSPORT USING MEMBRANE DISRUPTIVE AGENTS

Assistant Commissioner for Patents Washington, D.C. 20231

## EXPRESS MAIL TRANSMITTAL LETTER FOR PATENT APPLICATION AND CERTIFICATE OF MAILING

Sir:

Pursuant to 35 U.S.C. § 21(a) as amended by Public Law 97-247 and 37 C.F.R. § 1.10, Allan S. Hoffman, Patrick S. Stayton and Niren Murthy enclose for filing the attached patent application entitled "ENHANCED TRANSPORT USING MEMBRANE DISRUPTIVE AGENTS", which claims priority to U.S.S.N. 60/174,893 filed January 7, 2000. The application includes 1 page of Abstract, 39 pages of specification, 4 pages of claims, 8 sheets of informal drawings, and an unexecuted Declaration. An executed Declaration and Assignment to University of Washington will be submitted shortly. A check in the amount of \$760.00 to cover the filing fee is enclosed.

This application is entitled to small entity status under 37 C.F.R. § 1.27.

This application is being filed on January 5, 2001 by mailing the application to the Assistant Commissioner for Patents, Washington, D.C. 20231 via the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10. The Express

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"ENHANCED TRANSPORT USING MEMBRANE DISRUPTIVE AGENTS" Filed January 5, 2001 Express Mail Transmittal Letter for Patent Application and Certificate of Mailing Express Mail Label No. EL 571 228 850 US

Mail label number appears in the heading of this paper which is attached to the application papers pursuant to 37 C.F.R. § 1.10(b).

The Commissioner is hereby authorized to charge any fees that may be required, or credit any overpayment to Deposit Order Account No. 01-2507. To facilitate this process, applicants have enclosed a duplicate of this letter.

All correspondence concerning this application should be mailed to:

Patrea L. Pabst, Esq. ARNALL GOLDEN & GREGORY, LLP 2800 One Atlantic Center 1201 West Peachtree Street Atlanta, Georgia 30309-3450

Respectfully submitted,

Robert A. Hodges Reg. No. 41,074

Date: January 5, 2001

ARNALL GOLDEN & GREGORY, LLP 2800 One Atlantic Center 1201 West Peachtree Street Atlanta, Georgia 30309-3450 (404) 873-8796 (404) 873-8797 Telefax "ENHANCED TRANSPORT USING MEMBRANE DISRUPTIVE AGENTS"
Filed January 5, 2001
Express Mail Transmittal Letter for
Patent Application and Certificate of Mailing
Express Mail Label No. EL 571 228 850 US



### **CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.10**

I hereby certify that this Express Mail Transmittal Letter for Patent Application and any documents referred to as attached therein are being deposited with the United States Postal Service on this date, January 5, 2001, in an envelope as "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10, mailing label number EL 571 228 850 US, addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Date: January 5, 2001

Jean Hicks